

protruded chamber 119 and gasket or o-ring 110 to form a hermetic seal with the protruded surface 119. A supply of a first flavor-containing materials 12a is placed directly on a separator or filter 15 and a supply of a first flavor-containing materials 12b is enclosed in filter 15a. In case that the materials 12a is milk granules or powder and materials 12b is coffee grounds for making milk-containing coffee drinks, the filter or separator 15 can have large openings to prevent the clogging of this filter by the gel or gel-like materials in the milk. It is found that the openings of the filter or separator 15 can be as large as about 3 mm without significantly impacting the brewing process or the quality of the beverage received in receptacle such as a cup or carafe 40. The barrier film helps to keep the milk granules or powder in the chamber 11a when the filter 15 has openings larger than the size of the milk granules or powder during the storage and handling of the cartridge 10.

Clearly, the modifications for the cartridges and mounting head can be combined into or removed from any of the exemplar embodiments of the invention. The scope of the invention is obviously not restricted to the embodiments described by way of examples and depicted in the drawings, there being numerous changes, modifications, additions, and applications thereof imaginable within the purview of the claims.